CLAIM AMENDMENTS

1. (Currently Amended) An output controller associated with an output device or output system for processing intermediate output data that is received by the output controller from an information apparatus distinct from the output controller and includes image data and has a first bit depth and resolution, the image data corresponding to content that includes at least part of a text or graphics information, the controller comprising:

means for receiving the intermediate output data from the information apparatus.

means for retrieving the image data from the intermediate output data received from the information apparatus, and

means for carrying out an image processing operation on the data, said image processing operation utilizing, at least partly, parameters related to the output device or the output system and adjusting at least one of bit depth, color space and a combination of resolution and output size of an image represented by the data.

2. (Original) The controller of claim 1, further comprising means for receiving the intermediate output data via a short-range wireless communication channel.

3. (Original) The controller of claim 1 in which the image data includes mixed raster content encoding, and the means for retrieving the image data from the intermediate output data comprises means for generating an output image data from at least part of the mixed raster content data.

4. (Original) The controller of claim 1, in which the means for carrying out image processing operations on the data, includes means for carrying out one or more of a color correction operation, a color matching operation, a color management operation, a scaling operation, an interpolation operation, a

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color space conversion, a decompression, a decryption, and a halftoning operation.

5. (Original) The controller of claim 1 in which the first bit depth and resolution correspond to a predefined standard value included in the controller.

6. (Original) The controller of claim 1 in which the means for carrying out an image processing operation on the data adjusts at least one of bit depth, color space, and a combination of output size and resolution to a value corresponding to a specific input requirement of an output engine.

7. (Original) The controller of claim 1 in which the output controller is included in the output device.

8. (Original) The controller of claim 1 in which the output controller is included in one of a server, an external station, a board, a card, and a data access point.

9. (Original) The controller of claim 1, further comprising means for storing one or more output device profiles.

10. (Currently Amended) An output controller method operable in an output controller associated with an output device or output system for processing intermediate output data that is received by the output controller from an information apparatus distinct from the output controller and includes image data and having a first bit depth and resolution, the image data corresponding to content that includes at least part of a text or graphics information, the method comprising:
receiving the intermediate output data from the information apparatus,
retrieving the image data from the intermediate output data, and

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carrying out an image processing operation on the data, said image processing operation utilizing, at least partly, parameters related to the output device or the output system and adjusting at least one of bit depth, color space and a combination of resolution and output size of an image represented by the data.

11. (Original) The controller method of claim 10 further comprising receiving the intermediate output data via a short-range wireless communication channel.

12. (Original) The controller method of claim 10 in which the image data includes data encoded with mixed raster content.

13. (Original) The controller method of claim 10 wherein the step of carrying out an image processing operation on the data, includes carrying out one or more of a color correction operation, a color matching operation, a color management operation, a scaling operation, an interpolation operation, a color space conversion, a halftoning operation, a compression operation, a decompression operation, and a decryption operation.

14. (Currently Amended) In a computer readable medium, data output controller software operable on an output controller that is associated with an output device or output system for processing intermediate output data that is received by the output controller from an information apparatus distinct from the output controller and includes image data and has a first bit depth, and resolution, the image data corresponding to content that includes text or graphics information, the controller software comprising:
software for receiving the intermediate output data from the information apparatus,
software for retrieving the image data from the intermediate output data, and

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software for carrying out an image processing operation on the data, said image processing operation <u>utilizing, at least partly, parameters related to the output device or the output system and</u> adjusting at least one of bit depth, color space and a combination of resolution and output size of an image represented by the data.

15. (Original) The medium of claim 14 further comprising software for establishing a short-range wireless communicating channel with an information apparatus.

16. (Original) The medium of claim 15 further comprising software for providing an output device profile over the communication channel.

17. (Original) The medium of claim 14 further comprising software for calculating and collecting payment information as compensation for rendering of the content by the output device.

18. (Original) The medium of claim 14 wherein the software includes software for retrieving the image data from data encoded with mixed raster content.

19. (Original) The medium of claim 14 wherein the software for carrying out an image processing operation on the data includes software for carrying out one or more of a color correction operation, a color matching operation, a color management operation, a scaling operation, an interpolation operation, a color space conversion, and a halftoning operation.

20. (Original) The medium of claim 14 in which the first bit depth and resolution correspond to respective values that are included in said software for retrieving image data and carrying out image processing operations.

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21. (Original) The medium of claim 14 in which the output controller software is included in a server, an external station, a board, and a data access point.

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